

***Bibliography on***  
**COLD REGIONS**  
**SCIENCE AND TECHNOLOGY**

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DECLASSIFICATION AUTHORITY A

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**VOLUME 48, PART 2, 1994**

**19950508 145**

DTIC QUALITY INSPECTED 1



**U.S. Army Corps  
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# ***Bibliography on* COLD REGIONS SCIENCE AND TECHNOLOGY**

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**Stuart G. Hibben, Editor**

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**BIBLIOGRAPHY ON COLD REGIONS SCIENCE AND TECHNOLOGY**  
**Volume 48, Part 2**

This companion issue to Volume 48, Part 1, contains author and subject headings for the volume. In the author index, principal and joint personal and corporate authors are listed along with the title, date, pagination, and language of the document and the accession number. The subject index is composed of four basic elements:

- 1) terms taken from a controlled vocabulary based on the Thesaurus of Engineering and Scientific Terms (LEX-EJC)
- 2) free terms added as needed
- 3) geographic names, generally entered under countries
- 4) cross references suggesting additional appropriate terms.

The terms are listed in a single alphabetical arrangement, along with title (original, translated, abridged, expanded, or supplied), principal author, date, pagination, and language of pertinent documents, and their accession numbers.

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See [also]: Chemical analysis

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## Anchor ice

See [also]: Bottom ice

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See [also]: Clothing

## Arctic deserts

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See [also]: Ice islands

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See [also]: Power lines; Transmission lines

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See [also]: Salting

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## Calorimetry

See [also]: Temperature measurement

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- See [also]: Ice crystal optics

## Crystallization

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## Dendritic ice

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See [also]: Cosmic dust

## Extremes

See [also]: Records (extremes)

## Extremes (records)

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- Farming See [also]: Agriculture

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## Fauna

See [also]: Animals

## Faunal remains

See [also]: Fossils

## Feeding (hydrology)

See [also]: Alimentation

## Fences

See [also]: Snow fences

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See [also]: Water films

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## Filtration

See [also]: Seepage

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## Flora

See [also]: Plants (botany); Vegetation

## Flow

See [also]: Air flow; Fluid flow; Glacier flow; Laminar flow; Pipe flow; Plastic flow; Rheology; River flow; Shear flow; Stream flow; Turbulent flow; Unsteady flow; Viscous flow; Water flow

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See [also]: Water transport

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## Fluid infiltration

See [also]: Seepage

## Fluids

See [also]: Liquids

## Flumes

See [also]: Channels (waterways)

## Foam plastics

See [also]: Cellular plastics

## Fog

See [also]: Supercooled fog

## Fog dispersal

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See [also]: Forest canopy

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See [also]: Foundations; Pavement bases; Permafrost bases

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## Forest trees

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## Glacier movement

## Glacier oscillation

## Glacier movement

See [also]: Glacier flow

## Glacier oscillation

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See [also]: Monitors; Thermostats

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See [also]: Permafrost indicators

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## Infiltration

See [also]: Permeability; Seepage

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- See [also]: Solar radiation

## Instrument errors

See [also]: Accuracy

## Instruments

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## Intake systems

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## Pipes (tubes)

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- Interaction between ice and propeller. Jussila, M., et al., [1991.eng] 48-4892
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- See [also]: Bank protection (waterways); Countermeasures; Environmental protection; Frost protection; Slope protection; Soil stabilization

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- Friction and hull coatings in ice operations. Mäkinen, E., et al., [1994.eng] 48-4294
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See [als]: Forest strips; Snow hedges

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- Ice film defects derived from isotopic exchange rates. Devlin, J.P., [1991,eng] 48-946
- On the nature of photo charge carriers in ice. Petrenko, V.F., et al. [1994,eng] 48-4925
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- Proton stability of high pressure ice at low temperature. Pruzan, P., et al. [1993,eng] 48-2092
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- Variation of interatomic distances in ice VIII to 10 GPa. Besson, J.M., et al. [1994,eng] 48-5021

## Protons

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- Development of a circulation-type snow removal drain system. Sato, Y., [1989,jpn] 48-705
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See [also]: Snow retention; Water retention

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- See [also]: Freeze thaw cycles

## Seasonal thaw layer

See [also]: Active layer; Thaw depth

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Snow acoustics

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*See [also]: Artificial snow*

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*See [also]: Meltwater; Snow melting; Snowmelt*

## Snow metamorphism

*See [also]: Metamorphism (snow)*

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## Snow plastics friction

- See [also]: Plastics snow friction

## Snow precipitation

- See [also]: Snowfall

## Snow recrystallization

- See [also]: Metamorphism (snow)

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## Stress relaxation

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## Temperature

## Temperature effects

## Temperature

See [also]: Air temperature; Frozen ground temperature; Frozen rock temperature; Ice temperature; Low temperature research; Low temperature tests; Snow surface temperature; Snow temperature; Soil temperature; Surface temperature; Thermal properties; Water temperature

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See [also]: Motor vehicles

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See [also]: Alpine tundra; Forest tundra

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Wind tunnels

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See [also]: Transparency; Visibility

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See [also]: Moisture transfer; Soil water migration

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- Wave transmission**
- See [also]: Wave propagation



## Waves

## Waves

See [also]: Elastic waves; Microwaves; Ocean waves; Polarization (waves); Radio waves; Shock waves; Sound waves; Water waves

## Weather control

See [also]: Climate control; Cloud seeding; Fog dispersal; Hail prevention; Weather modification

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